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			10	PMMS5	PMMS1	PMMS2	PMMS3	PMCE01 Life Cycle Cost Estimating	PMCE02 Systems Engineering	PMCE03 Project Risk Analysis and Management	PMMS11Budgeting & Accountiing for DOE Program/Project Managers	PGM01	PGM02	PGM05	PGM06	7	52	PSIN28	PSIN29
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Required Competencies: 2.3 Familiarity level knowledge of DOE Standard DOE-STD-1073-93,			Д	Д	Д	Д	Ъ	Д	Д	Д	Ъ	Д	Д	Д	Ь	Ъ	Д	Д	
Guide for Operational Configuration Management Program																			+
2.3a. Describe the purpose and objectives of the Operational			F	F	F		F												1
Configuration Management Program																			
2.3b. Discuss what constitutes acceptable contractor			F	F	F		F												
compliance consistent with the requirements of DOE-STD-																			
1073-93, Guide for Operational Configuration Management																			-
Program, for the following elements of the contractor's Configuration Management plan:																			-
2.3c. Discuss the following elements of the Configuration Management			F	F	F	F	F		F										-
Program: design requirements, document control, change				•															+
control, assessments, design reconstitution adjunct, materials																			\top
condition																			
2.3d. Discuss the purpose, concepts, and general process for applying			F	F	F	F	F		F	F									
the graded approach to operational configuration management																			-
2.4 Familiarity knowledge of DOE Order 4700.1, Project Management																			+
System																			+
2.4a. Discuss the purpose, scope, and application of DOE Order			F	F	W	W	W				F	F		F		F	F	F	F
4700.1, Project Management System. Include in this discussion					Ė	Ė	Ė												T
key terms, essential elements, and personnel responsibilities																			Ι
and authorities																			
2.4b. Discuss the project management terminology for which			F	F	W	W	W				F	F		F	F	F	F	F	F
definitions are provided in DOE Order 4700.1, Project																			1
Management System 2.4c. Discuss in detail the roles played by various management levels			F	F	F	F	F	F	F	F	F	F		F		F	F	F	F

within the Department as they relate to the project management																	Т
system																	
2.4d. Discuss the purpose of "critical decisions". Include in this	F	F	W	W	W	F	F	F	F				F				F
discussion the responsible authorities for critical decisions																	
2.4e. Describe the process by which projects are designated	F	F	F														F
		-	-														Ť
4.5 Ability to perform project management duties as required to																	1
provide electrical systems technical support to a project																	
4.5a. Support the preparation of a Project Execution Plan											F						
4.5b. Evaluate a Work Breakdown Structure (WBS)	F	F	F	F	F	F	F	F	F					F	F	F	F
4.5c. Evaluate a project's critical path schedule	F	F		F	F												
4.5d. Using the results from an analysis of contractor noncompliance,	F	F			F									F		F	
determine the potential implications and describe how to																	
communicate the results to contractor and Department																	
management																	
																	<u> </u>
4.6 Familiarity level knowledge of the DOE project management																	<u> </u>
system including the application of contractor resources to meet																	↓
commitments to quality, safety, cost, and schedule																	↓
4.6a. Explain the purpose of project management and describe the	F	F	F	F	F	F	F	F	F	F	F	F	F		F	F	F
phases of a typical project																	
4.6b. Describe the primary roles and responsibilities of electrical																	
systems personnel as outlines in DOE Order 4700.1,																	
Project Management System																	
4.6c. Describe typical documents and data sources utilized by																	
electrical systems personnel in project management																	
4.6d. Identify and explain the major elements of a project and discuss	F	F	F	F	F	F	F	F	F								F
their relationship																	
4.6e. Explain the purpose and use of a project execution plan	F	F	F	F	F											F	F
4.6f. Discuss the role of configuration management as it relates to	F	F	F		F												
project management																	
4.6g. Explain the use of safety plans in the management of projects	F	F	F		F					F	F						
4.6h. Discuss the relationship between work breakdown structure	F	F	F	F	F	F	F	F	F	F				F	F	F	F
(WBS) and cost and schedule																	
4.6i. Describe the purpose and use of work packages and/or planning	F	F	W	F	W									F		F	
packages																	
4.6j. Describe the purpose and of schedules and discuss the use of	F	F	F	F	F		F			F	W	F	F				
milestones and activities																	
4.6k. Describe the critical path method of scheduling	F	F		W	F					F	F	F	F				
4.6l. Explain the concept of a project management baseline and	F	F	W	W	W	F	F	F	F					F	F	F	F
describe the four baselines used in project management																	
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